

# SAVITRIBAI PHULE PUNE UNIVERSITY



M.V.P SAMAJ'S

**Commerce, Management & Computer Science (C.M.C.S.)  
College, Nashik - 422013**

Udoji Maratha Boarding Campus, Gangapur Road, Nashik.

## CERTIFICATE

This is to certify that **Mr.Suryawanshi Kundalik**.Student of T.Y.B.B.A. (Computer Applications) has successfully completed the project on **Foody (Android Appliacation)** satisfactorily as partial fulfilment of the curriculum for T.Y.B.B.A. (Computer Applications) Semester-VI during the academic year 2022-2023.

**Project Guide**

**Head, Dept. of  
Computer Science &  
Applications**

**Internal Examiner**

**External Examiner**

# **Foddy**

## **Recipes For Food Lover**

82\_Suryawnashi Kundalik

**Guided By Prof Nikita Pagar.**

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## **Introduction To System**

There are a number of applications in the Android store for Recipes Search but none of them support an interface for searching, saving, and sharing recipes all at once. Quick Recipes is an Android application with image based UI for searching, sharing, creating and saving recipes.

This app provides flexibility to user to search top rated and variety of recipes from available recipes in cloud. This is very handy application, which every user can search cloud for recipes, save recipe as favourite, share recipe with friends on social media Facebook, Twitter, Google+ and Gmail and create personal cookbook.

This app is time saver providing recipes in few clicks. By combining ingredients and title search, Quick Recipes app makes finding recipes easy. With recipes being added daily there will always be something new for user to crave. The project has been implemented using Java, Android and SQLite. Food2Fork API are consumed for getting recipes from cloud.

## **Existing System**

In the current Cooking Recipe Portal system, the recipes are maintained in the book. A person has to write all the recipe in the book which is not a convenient way to manage the methods to cook as at the time of need of a recipe it will take a lot of time as well as the information is not safe. The data can be lost or it can be changed by any person. While the information about the number of recipes that we can store is less in the present system and it does not provide the information about the latest method.

## **Proposed System**

In the current Cooking Recipe Portal system, the recipes are maintained in the book. A person has to write all the recipe in the book which is not a convenient way to manage the methods to cook as at the time of need of a recipe it will take a lot of time as well as the information is not safe. The data can be lost or it can be changed by any person. While the information about the number of recipes that we can store is less in the present system and it does not provide the information about the latest method.

## **H/W and S/W Requirements:**

To run this Application software system effectively & efficiently we will require the Operating System like: Android version 8 or later (oreo),

For developing these application Windows 98 or upward version of operating system, MAC, Linux

HTML, CSS, JavaScript , PHP, MySQL , Firebase

The hardware requirement to run this software system efficiently is as follows, . APC with 512MB RAM, 180 GB HDD

## **Feasibility Study**

System analyst has to examine whether the developed Mobilized platform to share food recipes. Android platform is feasible from the point of view of operational, technical economical. System analyst has to also consider to feasibility factors at the time or analysing of system. The study of following points will prove if the proposed system is feasible or not.

### **1. Technical Feasibility:**

A Foody Android Application will be technically more effective than the existing Google searches system and Other similar applications. Person who wants to explore different food recipes who can explore it effectively, and also post there recipe ideas.

### **2. Economical Feasibility Study:**

Economical Feasibility study analysis is most frequently used for evaluating the effectiveness of a proposed system. The procedure is to determine the benefits and savings that are expected from a proposed system and compare them with input costs. The benefits may not be in the form of speed only but also in error handling, redundancy control, availability of online information & reduction cost for stationary users.

### **3. Operational Feasibility Study:**

An operational feasibility study addresses questions of whether we can run the proposed system with minimum. hardware. software setup and the demands of processing are realistic? Can the user operate it? Since this is a website so everyone can use it no training is required.

### Data Dictionary Table Users

Fields	Data type	Description	key	size
user_id	Number	Id of user	PK	255
user_firstname	Text	First name of user	-	20
user_lastname	Text	Last name of user	-	20
user_mobile	Number	Mobile number of user	-	12
user_email	Text	Email id of user	-	20
user_profession	Text	Profession of user	-	20
user_age	Number	Age of user	-	10
user_dob	Date	Birth date of user	-	10
user_address	text	Address of user	-	20

### Table Recipe

Fields	Data type	Description	key	size
recipe_id	number	Id of recipe	PK	255
recipe_name	Text	Name of the recipe	-	255
recipe_title	Text	Local Name of recipe	-	
recipe_time	Number	Time to ready	-	255
recipe_ingredients	Number	Ingredients of recipe	-	255
recipe_process	Text	Recipe process	-	255
Recipe_id	Text	user id	FK	255
recipe_post_date	Date	Recipe post date	-	255



Fields	Data type	Description	Key	Size
abuse_id	Number	Abue report id	PK	255
abuse_report	Text	Actual abuse report	-	255
abuse_informer	Text	Id of abuse informer	FK	255
abuse_creator	Text	Id of abuse creator	FK	255

### Table Admin

Fields	Data type	Description	key	size
admin_id	Number	Id of user	PK	255
admin_firstname	Text	First name of user	-	20
admin_lastname	Text	Last name of user	-	20
admin_mobile	Number	Mobile number of user	-	12
admin_email	Text	Email id of user	-	20
dmin_category	Number	Age of user	-	10
user_dob	Date	Birth date of user	-	10
user_address	text	Address of user	-	20

## **Reports   Reports**

Our website report measures our website performance and includes metrics like pageviews, signups, Questions, Answer posted by users, and the conversion rate subscriptions your website report to monitor traffic and learn how visitors interact with your site.

### **1) Users.**

It contains the user completes user data from the sign-up page

### **2) Recipes**

All the recipes posted by user and admin

### **3) Abuse**

Abuse report posted by user

## **Reference**

[www.google.developer.com](http://www.google.developer.com)

[www.firebase.console.com](http://www.firebase.console.com)